



Korea Forest
Service

PROGRESS REPORT

4th Quarterly Report (Q4Y2)
October to December 2020

Korea-Cambodia REDD+ Joint Project

**Implementing Agency:
Forestry Administration**

**Phnom Penh, Cambodia
February 2020**

INTRODUCTION

Project Background

On 10th December 2014, the Forestry Administration (FA) of the Cambodia's Ministry of Agriculture, Forestry and Fisheries and the Korea Forest Service (KFS) started to implement a project named Korea-Cambodia Reducing Emissions from Deforestation and Forest Degradation (REDD+) Joint Project (KCRP) or (hereinafter referred to as Tumring REDD+ Project). This project is implemented in Kampong Thom province covering an area of 67,791.17 hectares and in the designated Project Accounting Area comprised of 41,195.00 hectares.

The Tumring REDD+ Project aims to contribute to the long-term greenhouse gas emission reduction from forestry sector and to enhance the livelihood of targeted forest-dependent communities in the project area. Specifically, the project seeks to: (1) generate Verified Carbon Units (VCUs); (2) improve livelihood of targeted community; (3) enhance capacity of different key stakeholders for effective REDD+ implementation; and (4) support the Royal Government of Cambodia (RGC) on REDD+ policy formulation.

KFS provides financial support while FA is the designated implementing agency. A certification under the Verified Carbon Standard (VCS) and CCB standard was sought by the project for its REDD+ VCUs. Over 30 years (2016-2046) of the project implementation, Tumring REDD+ Project (TRP) expects to achieve an emission reduction (NERs) of 11,559,975 tCO₂e for 30-years project life. As a result, the project generated a net emission reduction of 645,410 tons CO₂e over the 1st monitoring period from January 2015 to December 2019.

For effective operation of the TRP, the FA established the Project Management Unit (PMU) inside FA Office in Phnom Penh, Cambodia. The PMU is formulated to ensure effective implementation of the Project. The PMU is working with the below partners to ensure the project effective produce quality results and outcomes.

The Tumring REDD+ Project's Partners

	Roles and Responsibility
The Wildlife Work Carbon (WWC),	a project carbon developer, has assisted the FA in developing the Tumring REDD+ PDD, in providing technical trainings, and in facilitating the project's validation, verification, and registration
Everland LLP (EV)	assist project in selling the emission reduction (ER) at the voluntary carbon market and provide regular update about the sale of ER.
The Kampong Thom Provincial Department of Agriculture, Forestry and Fisheries (KT-PDAFF)	the project's technical partner that provides support to community forestry (CF) groups in enhancing their degraded agricultural land and in promoting agricultural productivity
The Actions for Development (AFD)	a registered national NGO, provides technical assistance, facilitates the establishment of an agricultural cooperative, and supports the project's operational plan and implementation that include capacity building and promoting agricultural trade market information toward freed deforestation.
The Kampong Thom Forestry Administration Cantonment and the Local FA Field Officer (Local FA)	enable and implement forest law enforcement and legalization of CF groups and other forest uses inside the project area.
The Kampong Thom Land Management Urbanization and	the provincial department works as a part with the project to facilitate process in gaining knowledge on

Construction Department (KT-LMUCD)

The local authority and the established 14 CF groups

forest land management and support the process of forest land registration as state land. spearhead the implementation of the project activities toward reducing deforestation and forest degradation in the project area and provide coordination of support to the project in implementing activities in their territories.

Project Implementation Phases

Phase I was from 2015 to 2018. During this phase, the Project was successfully validated and verification in July 2019 (<https://registry.verra.org/app/search/VCS>) by an independent, third party, the SCS Global Services. The Project provided support to the 14 CF groups. FA local officers (FIU) provided capacity building, increased awareness of local stakeholders, and improved livelihood of the participating communities by promoting agricultural trade, improving degraded agricultural lands, and enhancing agricultural productivities.

Phase II is from 2019 to 2021. To prepare for this phase, FA signed the amended Memorandum of Understanding (MoU) with KFS in December 2018 to extend the period of project implementation. During this phase, the project aims to register the Project to VCS and CCB and conduct MRV to generate VCUs. To achieve these objectives, the Project will: (1) facilitate project verification, (2) improve local livelihood, (3) build capacity and generate knowledge to inform the national government and the public, and (4) agree on the use of VCUs to sale on the voluntary market and carbon credit to be produced in the future will be used to meet Nationally Determined Contributions (NDC) of both Countries (Cambodia and Republic of Korea).

ACCOMPLISHMENTS BASED ON THE PROJECT’S SPECIFIC OBJECTIVES

Project administrative procurement and management

With approval from the KFS, the PMU purchased two desktops for two PMU members, these desktops were set at the head office in Phnom Penh. It is noted that all the equipment/tools have purchased since Jan 2015 were recorded and updated its status by the project database (Attach I: updated list of TRP equipment/tools).

Table 1: Two desktops purchased for two PMU members

No	Type of equipment	Holder	Quantity
1	Desktop	Mr. Khorn Vantha	01 set
2	Desktop	Mr. Y Charly	01 set

Objective1: Obtain forest carbon credits from the Korea-Cambodia Joint REDD+ project implementation

1.1. Tumring REDD+ Project marketing

The PMU decided to select Everland LLP (EV) as a Project Marketing Supporting Partner through the sign term sheet signed agreement. As part of agreement, the role and responsibility of the PMU is to provide information about all aspects of the TRP to EV through filling out the Due Diligence template, unless the due diligence is completed, the EV will move ahead with TRP marketing. Currently, the PMU is working with EV to make sure the due diligence will be completed by march 2021. Due to the delay on due diligence process, the PMU and EV decide to extend TRP trial period from 03 months to one year (Annex II: PMU and EV signed term sheet). A part of the wide range virtual call with EV, with documents provided by EV, the PMU compile data and worked on Project Summary and Tumring REDD+ due diligence. EV will use these mentioned documents to communicate with REDD+ credit credits buyers, and promote project marketing.

Table 2: Several calls between PMU and EV on Term Sheet negotiation and due diligence

No	Date	Discussion Topic
1	05 Nov 2020	<ul style="list-style-type: none"> - Introduction about Everland and its team members - PMU present about Tumring REDD+ project - Next Planning
2	03 Dec 2020	<ul style="list-style-type: none"> - Presentation on EV's due diligence process - Next Planning
3	14 Dec 2020	<ul style="list-style-type: none"> - Update on the process of Tumring REDD+ due diligence - Next planning

1.2. Preparation for TRP benefit sharing mechanism a project credits marketing

With the wide range of discussion through virtual calls, the FA and KFS reached the agreement on benefit sharing arrangement of TRP. Both parties express its consents on the signed MOU. For project marketing strategy, the PMU is using the TRP benefit sharing agreement to disclose to EV to be integrated into TRP project strategy and present it to the potential REDD+ project credit buyers (Annex II: TRP benefit sharing arrangement as integrated part of the FA-KFS MOU).

Table 3: wide range of virtual call on the topic of project implementation phase and TRP benefit sharing arrangement

No	Date	Discussion Topics
1	08 Oct 2020	Carbon credit sales <ul style="list-style-type: none"> - Updates on the negotiation status - Contact with potential buyers - The 2nd phase of the project - Re-investment of carbon credit sales income - Sharing carbon credit sales income - The principle on sharing carbon credits in 2022
2	19 Oct 2020	<ul style="list-style-type: none"> - 2nd phase of the project implementation - Sharing carbon credit sales income - Trust Fund - Meeting with Shell
3	28 Oct 2020	<ul style="list-style-type: none"> - 2nd Phase of the Project Implementation - Sharing carbon credit sales income - Trust Fund - Information session for Korean investors
4	11 Nov 2020	<ul style="list-style-type: none"> - Sharing carbon credit sales income - Update on discussion with Everland - Preparation on the 5th PBC meeting - Amendment to MOU
5	30 Nov 2020	<ul style="list-style-type: none"> - Amendment to MOU - Draft of minutes - Preparation on 5th PBC meeting
6	07 Dec 2020	<ul style="list-style-type: none"> - Final check of the amendment to MOU - Final check of the meeting agenda - Checking the role of moderator - Checking presentation files - Other matters

Objective2: Improve the livelihood of the forest dwellers, enforce the Forest Law, and protect the forest within the target Tumring REDD+ Project Area (Strategy#2)

To contribute to the implementation of Strategy#2 of the 30-Year Work Plan, the Project is supporting 14 community forestry (CF) groups, forest law enforcement unit of the local FA (FIU), and Sandan Forest Enforcement Team to conduct regular forest patrol, crack-down incidental case, and collection biodiversity raw data. In this quarter, the enforcement teams achieved the following results:

2.1. Forest Law Enforcement Unit (FIU)

The group of FIUs joint collaboration and conducted forest patrol and in all project targeted areas, and Hydro Forest Conservation Zone, each FIU lead by one local FA with supporting from the field armed forces. In this quarter, the three FIUs confiscated illegal tools/equipment as below:

Table 4: Results of the Forest Law enforcement in quarter3 of 2020

Month	Physical results of the forest law enforcement (FA and CF)
October 2020	Confiscated: <ul style="list-style-type: none"> - 12 chainsaws - 01 motorbike - 03.341 m³ of log wood - 164 poles - 03 parcels of forest land encroachment - 01 charcoal kiln demolished - 02 long knives
November 2020	Confiscated: <ul style="list-style-type: none"> - 04 chainsaws - 01 handed-tractor - 03 trailers - 01 motorbike - 06.124 m³ of log wood - 01 forest land encroachment
December 2020	<ul style="list-style-type: none"> - 08 chainsaws - 2 parcels of forest land encroachment - 1 hand-tractor - 1 motorbike - 1 trailer - 00.324 m³ of saw wood

* Note: Details on illegal/confiscated tools and woods were recorded in the Project database system to report the results of the project implementation to donor, government, and project validator/verifier.

2.2. Community Forestry Patrol Teams

Aside from the FIU's implementation on forest law enforcement, the 14 CF patrol teams regularly conduct forest patrolling activities inside their designated CF areas. During this 4th quarter, the CFMCs of the 14 CF groups conducted 96 patrol times, with participation from 522 members (19 women).

Table 6: Results of the implementation of the Community Forest Patrol Groups

No.	Community Forestry Name	Oct			Nov			Dec		
		# of Patrol	CFMC	F	# of Patrol	CFMC	F	# of Patrol	CFMC	F
1	O' Kranhak	3	8	0	1	2	0	2	8	0
2	Tatey	5	31	5	3	17	3	2	8	0
3	Kbal Dauntey	3	17	0	1	7	0	3	17	0
4	O' Kranhoung	4	21	0	4	19	0	2	10	0
5	O' Dasco CF	1	9	0	1	7	0	2	13	0
6	Prey Hongchamtit	1	3	0	2	7	0	2	8	0
7	Lbos Sral	5	23	0	1	6	0	3	15	0
8	O' bosleav	2	8	0	1	6	0	1	4	0
9	Sre Pring	3	19	2	2	12	2	1	8	2
10	Rum Chek	2	17	0	2	11	0	2	9	0
11	Choam Smarch	3	10	0	2	8	0	4	19	0
12	O' Thmor	2	15	0	1	7	0	2	16	0

13	Neak Tala	3	13	0	2	12	0	3	21	0
14	Sochet	3	17	3	2	16	2	2	18	0
	Total	40	211	10	25	137	7	31	174	2

2.3. With request from the community members, the TRP support O' Boleave community forest with constructing a Community Forestry Memorial, it was constructed to build relation between the project and community members. This community forestry was the first community forestry registered their land and with clear forest boundary, this community forestry is well protected by community members. The CF memorial sized (W2.5m x L1m x H1.5 m), the memorial was made by concrete.

2.4. The PMU members visited Sre Pring community forestry and its community members to conduct a study a potential site for building community-based solar pumping project. As results, the community members and PMU agreed and selected an appropriate site for building solar-pumping, and all community members (TRP's beneficiaries) consent to cooperate with TRP project to maintain and to be used water to be pumped from solar used energy. The project being contract with solar construction company and planned to build solar pumping in the next quarter (Q1-2021). The solar pumping project will provide benefit to 57 poor families. The solar pumping project will be built in Sre Pring village, Socheat commune. Srey Pring village is the poorest village among TRP project targeted beneficiaries.

2.5. The PMU conducted a meeting with community based-resin enterprise members and management committee, the meeting was conducted to understand the situation of the enterprise, find out constraint and provide advice to the community on the planning and link to the market. By December, 2020, the community-based resin enterprise has made some progress as highlighted in the table below. The enterprise is facing some challenges, (1) prices of the resin is decreasing, (2) some resin trees were illegal logged, and (3) lack of technical in storing tapped resin and tapping. This quarter, the enterprise management committee decided not sell out the resin to middle this is due to the prices of resin was decrease. They will find out more middlemen to get high prices in the Q1-2021.

Table7: Progress of community-based resin enterprise

Purchase Amount in Q4-2020 (by Dec 2020)	Total resin in stock
47 containers = 1316 Kg	148 containers= 3996 Kg
Planned for Q1-2021 purchase = 60 container = 18000 Kg	

2.6. Under the contract between the PMU and KT-PMAFF on the establishment and registration of Sochet Agriculture Cooperative (AC). The Sochet AC office located in Por Ro villages, Khum Sochet Commune, Sandan District (in Khum Sochet Community Forestry). By this quarter, the AC had been officially registered with the KT-DPAFF and this AC will operate their annual work plan with support from the TRP. By 2020, the TRP provided support to there ACs (Meanrith AC, Tumring AC and Sochet AC). The PMU conducted 20% of final financial payment to KT-DPAFF for its completed its achievable variable mentioned in the signed contract between PMU and KT-DPAFF (Attached III : Certification of Official Recognizing Sochet AC).

2.7. So far, the project supports two community based-micro forest conservation finances, the PMU members conduct regular meeting with those micro-finance while ongoing build capacity of the its members, through various training course and monitoring, by this quarter, the two micro-finance groups have operated their operation, it is showing it progress in table 5 below:

Table 8: Status of TRP supported community based micro finances

No	Name of Saving Group	By date	A: Cash in hand + Cash in Bank	B: Interests Earned (2%) for 3	C: In load	Total Capital (A+C)	Total Interest Earn

				months			
Q3-2020							
1	Kbal Daunty	23-Sep-20	1,302.40	144.0	1097.56	2,400	500
2	O Bosleave	23-Sep-20	1,493	0	500	1,993	
Q4-2020							
1	Kbal Daunty	25-Dec-20	1,302.40	144.0	1097.56	2,400	644.0
2	O Bosleave	25-Dec-20	1006.09*	0	487.80	1006.09*	0
*Note: 1 USD = 4100 Riels.							
* USD 487.80 (200k riels) = was in loan							

2.8. Solar System Charging Center for Home Battery, the SCCHB is operating under the management of Soheat CF, Por Ro village. By Dec, 2020, the SSCCHB has provide service to 2283 home based-batteries and earned USD 718.5. To promote SSCCHB, the community assistants have been promoted and disseminated the important of using SSCCHB to community members and associated information to forest conservation.

2.9. The PMU in close collaboration with the local authorities, local FA officers and community forestry members conducted agricultural plots demarcation in 04 community forestry. The demarcation was conducted aimed to identifies the agricultural land owners, specific areas, and coordinate of each plots. This information will help the project to formulate land use planning in the future and provide information support the FIU to conduct crackdown on illegal forest land clearing.

Table 10: Community forestry received pole from the support from the project

No.	Name of CFs	Date of demarcation	Number of agriculture plots measured and demarcated
1	O's Boleave	22-23 October 2020	07
2	O's Kranhak	12-14 October 2020	45
3	O' Kranhoung	10-12 Nov 2020	28
4	Choam Smach	22-24 December 2020	73

Objective 3: Enhance the capacity of the different key stakeholders for effective REDD+ implementation and increase stakeholder participation in reducing deforestation and forest degradation in the Tumring REDD+ Project Area (Strategy #4)

3.1 The REDD+ Specialist and Community Facilitator of the PMU conducted quarterly meetings with all 14 CF Management Committees (CFMCs). In total, there were 250 participants (30 of them were women) in the meetings. The meetings focused on the discussion of newly emerged challenges associated with illegal activities that happened and are happening inside the CF areas, submission to the PMU the forest patrol report by each of the CFMC, and approval of the CF work plan for implementation in the next quarter.

Table 11: CFMC's meetings with the PMU members

No.	Community Forestry Name	Village & commune	Date	CFMC	Women
1	Choam Smarch	Tum Or village, Tumring	22/11/2020	1	0
2	O' bosleav	Run The village, Tumring	23/11/2020	9	1
3	O' Thmor	Rorneam village, Tumring	24/11/2020	9	1
4	Neak Tala	SroLaosroang village, Tumring	26/11/2020	11	0
5	Lbos Sral	Rang Khai village, Mean Rith	26/11/2020	6	0
6	Prey Hongchamtit	Trapeang Tralach village, Mean Rith	24/11/2020	11	0
7	O' Dasco CF	Sam Oang village, Mean Rith	27/11/2020	13	2
8	Sre Pring	Sre Pring village, Sochet	22/11/2020	5	0

9	Rum Chek	Rum Chek village, Sochet	24/11/2020	9	0
10	Sochet	Porong village, Sochet Commune	24/11/2020	12	5
11	O' Kranhoung	Choam Svay village, Mean Righ	27/11/2020	11	1
12	O' Kranhak	Tboung Toeuk village, Mean Rith	25/11/2020	9	2
13	Tatey	Kanti village, Mean Rith	25/11/2020	9	2
14	Kbal Dauntey	Beung village, Mean Rith	23/11/2020	6	0
15	Choam Smarch	Tum Or village, Tumring	18/12/2020	7	0
16	Rum Chek	Rum Chek village, Sochet	14/12/2020	9	2
17	O' bosleav	Run The village, Tumring	15/12/2020	9	0
18	Sochet	Porong village, Sochet Commune	14/12/2020	9	5
19	Sre Pring	Sre Pring village, Sochet	14/12/2020	12	1
20	Neak Tala	SroLaosroang village, Tumring	18/12/2020	8	0
21	O' Thmor	Rorneam village, Tumring	18/12/2020	8	0
22	Prey Hongchamtit	Trapeang Tralach village, Mean Rith	15/12/2020	10	0
23	O' Kranhoung	Choam Svay village, Mean Righ	17/12/2020	9	0
25	O' Dasco CF	Sam Oang village, Mean Rith	17/12/2020	10	1
26	Lbos Sral	Rang Khai village, Mean Rith	16/12/2020	8	0
27	O' Kranhak	Tboung Toeuk village, Mean Rith	16/12/2020	9	1
28	Tatey	Kanti village, Mean Rith	15/12/2020	9	3
29	Kbal Dauntey	Beung village, Mean Rith	16/12/2020	12	3
Total				250	30

3.2 The PMU enclose collaboration with KFS conducted the 5th PBC meeting, the meeting was conducted on 09 December 2021 through virtual call. The meeting addressed the matters as below: (1) Progress of the Project in 2020, (2) Work and Budget Plan for 2021, (3) Progress on Carbon Credit Sales, (4) Plan on 2nd Verification, (5) Benefit Sharing of the Project, (6) Amendment to the MOU. The meeting was conducted success, resulted both sides appreciated with the project achievement and provided approval including the progress of the TRP credits sale, and both sides provided approval over the work plan and financial plan for 2021. (Attach IV: the 5th PBC meeting minute).

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